

Safety data sheet according to UK REACH

Printing date 04.09.2024

Version number 1.2 (replaces version 1.1)

Revision: 04.09.2024

1 Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:**
KREUL Transfer Marker edge, XXL
(Safety data sheet for the included ink.)
- **Article number:** 49931, 49932, 499300
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture**
Transfer Marker.
For artists and hobby user.
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
C. KREUL GmbH & Co. KG
Carl-Kreul-Straße 2
D-91352 HALLERNDORF
GERMANY
Phone: + 49 (0) 9545/925 - 0
Fax: + 49 (0) 9545/925 - 511
info@c-kreul.de
- **Further information obtainable from:**
Product Safety Department:
Treiber, b.treiber@c-kreul.de
- **1.4 Emergency telephone number:** + 44 (0) 171 635 91 91

2 Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



flame

Flam. Liq. 3 H226 Flammable liquid and vapour.



STOT SE 3 H336 May cause drowsiness or dizziness.

2.2 Label elements

EC Regulation 1907/2006 (UK REACH) differentiates between substances, mixtures and articles. In accordance with the definition of articles in UK REACH, the European Writing Instrument Manufacturer's Association (EWIMA) considers writing instruments, marker pens etc. to be articles. However, no safety data sheets are provided for articles. In contrast, safety data sheets are mandatory for substances and mixtures. For this reason, the information in the safety data sheet provided always refers to the basic ink and not to the product as a whole.

- **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the GB CLP regulation.
- **Hazard pictograms**



GHS02

GHS07

- **Signal word** Warning

Hazard-determining components of labelling:

2-methoxy-1-methylethyl acetate

Hazard statements

H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

(Contd. on page 2)

GB

Safety data sheet

according to UK REACH

Printing date 04.09.2024

Version number 1.2 (replaces version 1.1)

Revision: 04.09.2024

(Contd. of page 1)

- P102 Keep out of reach of children.
 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P271 Use only outdoors or in a well-ventilated area.
 P370+P378 In case of fire: Use CO₂, powder or water spray to extinguish.
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 108-65-6 EINECS: 203-603-9 Index number: 607-195-00-7 Reg.nr.: 01-2119475791-29-xxxx	2-methoxy-1-methylethyl acetate ⚠ Flam. Liq. 3, H226; ⚠ STOT SE 3, H336	25-<50%
CAS: 687-47-8 EINECS: 211-694-1 Index number: 607-129-00-7 Reg.nr.: 01-2119516234-49-XXXX	ethyl (S)-2-hydroxypropionate ⚠ Flam. Liq. 3, H226; ⚠ Acute Tox. 3, H331; ⚠ Eye Dam. 1, H318; ⚠ STOT SE 3, H335	20-<50%
	Ester of inorganic acid ⚠ Eye Irrit. 2, H319	10-<25%
CAS: 112-07-2 EINECS: 203-933-3 Index number: 607-038-00-2 Reg.nr.: 01-21194475112-47-XXXX	2-butoxyethyl acetate ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332	5-<10%

- **Additional information:**

Ethyl-(S)-2-hydroxypropionat (CAS 687-47-8): Experimental tests done on this blend by certified laboratories have evidenced that this product is not dangerous for eyes contact. Accordingly to OECD 491 – August 2016
 For the wording of the listed hazard phrases refer to section 16.

4 First aid measures

- **4.1 Description of first aid measures**
- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Wash with water and acidic soap.
If skin irritation continues, consult a doctor.
- **After eye contact:**
Remove contact lenses.
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth and then drink plenty of water.
If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.
- **5.3 Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.
- **Additional information**
Cool endangered receptacles with water spray.
Collect contaminated fire fighting water separately. It must not enter the sewage system.

6 Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Ensure adequate ventilation
Keep away from ignition sources.

(Contd. on page 3)

Safety data sheet

according to UK REACH

Printing date 04.09.2024

Version number 1.2 (replaces version 1.1)

Revision: 04.09.2024

(Contd. of page 2)

Wear protective equipment. Keep unprotected persons away.

· **6.2 Environmental precautions:**

Keep contaminated washing water and dispose of appropriately.
Do not allow to enter sewers/ surface or ground water.

· **6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to section 13.
Ensure adequate ventilation.

· **6.4 Reference to other sections**

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

· **7.1 Precautions for safe handling**

Keep receptacles tightly sealed.
Keep away from heat and direct sunlight.

· **Information about fire - and explosion protection:**

Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.

· **7.2 Conditions for safe storage, including any incompatibilities**

· **Storage:**

· **Requirements to be met by storerooms and receptacles:** Store in a cool location.
· **Information about storage in one common storage facility:** Do not store together with oxidising and acidic materials.

· **Further information about storage conditions:**

Store receptacle in a well ventilated area.
Keep container tightly sealed.
Protect from heat and direct sunlight.

· **Storage class:** 3

· **7.3 Specific end use(s)** See chapter 1.2.

8 Exposure controls/personal protection

· **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

108-65-6 2-methoxy-1-methylethyl acetate

WEL	Short-term value: 548 mg/m ³ , 100 ppm
	Long-term value: 274 mg/m ³ , 50 ppm
Sk	

112-07-2 2-butoxyethyl acetate

WEL	Short-term value: 332 mg/m ³ , 50 ppm
	Long-term value: 133 mg/m ³ , 20 ppm
Sk	

· **DNELs**

108-65-6 2-methoxy-1-methylethyl acetate

Oral	chronic - systemic effect	36 mg/kg bw/d (general population)
Dermal	chronic - systemic effect	320 mg/kg bw/d (general population) 796 mg/kg bw/d (worker)
Inhalative	acute - local effect	550 mg/m ³ (worker)
	chronic - systemic effect	33 mg/m ³ (general population) 275 mg/m ³ (worker)

Ester of inorganic acid

Oral	chronic - systemic effect	10 mg/kg bw/d (general population)
Dermal	chronic - local effect	10 mg/kg bw/d (worker)
	chronic - systemic effect	10 mg/kg bw/d (general population) 20 mg/kg bw/d (worker)
Inhalative	chronic - local effect	10 mg/m ³ (general population) 20 mg/m ³ (worker)
	chronic - systemic effect	17.4 mg/m ³ (general population) 70.53 mg/m ³ (worker)

112-07-2 2-butoxyethyl acetate

Dermal	chronic - systemic effect	169 mg/kg bw/d (worker)
Inhalative	chronic - systemic effect	133 mg/m ³ (worker)

· **PNECs**

108-65-6 2-methoxy-1-methylethyl acetate

water	6.35 mg/l
-------	-----------

(Contd. on page 4)

Safety data sheet

according to UK REACH

Printing date 04.09.2024

Version number 1.2 (replaces version 1.1)

Revision: 04.09.2024

(Contd. of page 3)

freshwater	0.635 mg/l
marine water	0.0635 mg/l
sewage treatment plant (STP)	100 mg/l
freshwater sediment	3.29 mg/kg
marine sediment	0.329 mg/kg
soil	0.29 mg/kg
687-47-8 ethyl (S)-2-hydroxypropionate	
water	3.2 mg/l
freshwater	0.32 mg/l
marine water	0.032 mg/l
freshwater sediment	1.66 mg/kg
marine sediment	0.166 mg/kg
soil	0.145 mg/kg
Ester of inorganic acid	
freshwater	0.9 mg/l
marine water	0.09 mg/l
sewage treatment plant (STP)	7,400 mg/l
soil	0.81 mg/kg
112-07-2 2-butoxyethyl acetate	
freshwater	0.304 mg/l
marine water	0.03 mg/l
sewage treatment plant (STP)	90 mg/l
freshwater sediment	2.03 mg/kg
marine sediment	0.203 mg/kg
soil	0.415 mg/kg

· **Additional information:** The lists valid during the making were used as basis.

· 8.2 Exposure controls

· **Appropriate engineering controls** No further data; see section 7.

· **Individual protection measures, such as personal protective equipment**

· **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Do not eat, drink, smoke or sniff while working.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

· **Respiratory protection:** Use suitable respiratory protective device when high concentrations are present.

· **Hand protection**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **For the permanent contact gloves made of the following materials are suitable:**

Butyl rubber, BR

Recommended thickness of the material: ≥ 0.7 mm

Value for the permeation: Level ≤ 480 min

· **As protection from splashes gloves made of the following materials are suitable:**

Butyl rubber, BR

Recommended thickness of the material: ≥ 0.7 mm

Value for the permeation: Level ≤ 480 min

· **Eye/face protection**



Tightly sealed goggles

· **Body protection:** Protective work clothing

9 Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· **Physical state**

Fluid

· **Colour:**

Colourless

(Contd. on page 5)

GB

Safety data sheet

according to UK REACH

Printing date 04.09.2024

Version number 1.2 (replaces version 1.1)

Revision: 04.09.2024

(Contd. of page 4)

· Odour:	Solvent-like
· Odour threshold:	Not determined.
· Melting point/freezing point:	Undetermined.
· Boiling point or initial boiling point and boiling range	146.4 °C (108-65-6 2-methoxy-1-methylethyl acetate)
· Flammability	Flammable.
· Lower and upper explosion limit	
· Lower:	1.5 Vol % (108-65-6 2-methoxy-1-methylethyl acetate)
· Upper:	11.4 Vol % (687-47-8 ethyl (S)-2-hydroxypropionate)
· Flash point:	59 °C
· Auto-ignition temperature:	280 °C (112-07-2 2-butoxyethyl acetate)
· Decomposition temperature:	Not determined.
· pH	Not determined.
· Viscosity:	
· Kinematic viscosity	Not determined.
· Dynamic:	Not determined.
· Solubility	
· water:	Partly miscible.
· Partition coefficient n-octanol/water (log value)	Not determined.
· Vapour pressure at 20 °C:	3.4 hPa (108-65-6 2-methoxy-1-methylethyl acetate)
· Density and/or relative density	
· Density at 20 °C:	1.038 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.

· 9.2 Other information	
· Appearance:	
· Form:	Fluid
· Important information on protection of health and environment, and on safety.	
· Ignition temperature:	Product is not selfigniting.
· Explosive properties:	Not determined.
· Solvent content:	
· Organic solvents:	40.0 %
· VOC (EC)	40.00 %
· Change in condition	
· Evaporation rate	Not determined.

· Information with regard to physical hazard classes	
· Explosives	Void
· Flammable gases	Void
· Aerosols	Void
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Flammable liquid and vapour.
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

10 Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.3 Possibility of hazardous reactions** Reacts with oxidising agents.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**
In case of fire, the following can be released:
Carbon monoxide and carbon dioxide

11 Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

(Contd. on page 6)

GB

Safety data sheet

according to UK REACH

Printing date 04.09.2024

Version number 1.2 (replaces version 1.1)

Revision: 04.09.2024

(Contd. of page 5)

LD/LC50 values relevant for classification:
108-65-6 2-methoxy-1-methylethyl acetate

Oral	LD50	8,532 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rab)
		>2,000 mg/kg (rat) (OECD 401)
Inhalative	LC50/4h	>10,000 mg/l (rat)

687-47-8 ethyl (S)-2-hydroxypropionate

Oral	LD50	>2,000 mg/kg (rat)
Dermal	LD50	>5,000 mg/kg (rabbit)
Inhalative	LC50/4h	>5.4 mg/m ³ (rat)

Ester of inorganic acid

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rabbit)

112-07-2 2-butoxyethyl acetate

Oral	LD50	1,880 mg/kg (rat) (OECD 401)
Dermal	LD50	1,500 mg/kg (rabbit) (ECHA)
Inhalative	LC50/4h	>2.66 mg/m ³ (rat) (EU B.1, ECHA)

· **Skin corrosion/irritation** Based on available data, the classification criteria are not met.

· **Serious eye damage/irritation**

Ethyl-(S)-2-hydroxypropionat (CAS 687-47-8): Experimental tests done on this blend by certified laboratories have evidenced that this product is not dangerous for eyes contact. Accordingly to OECD 491 – August 2016

· **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

· **Germ cell mutagenicity** Based on available data, the classification criteria are not met.

· **Carcinogenicity** Based on available data, the classification criteria are not met.

· **Reproductive toxicity** Based on available data, the classification criteria are not met.

· **STOT-single exposure**

May cause drowsiness or dizziness.

· **STOT-repeated exposure** Based on available data, the classification criteria are not met.

· **Aspiration hazard** Based on available data, the classification criteria are not met.

· **11.2 Information on other hazards**

· **Endocrine disrupting properties**

None of the ingredients is listed.

12 Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**

108-65-6 2-methoxy-1-methylethyl acetate

LC50/96h	180 mg/l (oncorhynchus mykiss)
EC50/48h	>500 mg/l (daphnia magna)
EbCx 10%	>1,000 mg/l (microorganisms)
EC50/21d	>100 mg/l (daphnia magna) (OECD 211)
ErC50/96h	>1,000 mg/l (pseudokirchneriella subcapitata)
LC50	63.5 mg/l (oryzias latipes) (OECD 204)
LOEC/96h	>1,000 mg/l (pseudokirchneriella subcapitata)
NOEC/48d	47.5 mg/l (oryzias latipes) (OECD 204)

687-47-8 ethyl (S)-2-hydroxypropionate

LC50/96h	320 mg/l (danio rerio) (OECD 203)
EC50/48h	683 mg/l (daphnia magna) (OECD 202)
ErC50/96h	2,300 mg/l (pseudokirchneriella subcapitata) (OECD 201)
NOEC/48h	320 mg/l (daphnia magna) (OECD 202)
NOEC/72h	320 mg/l (algae) (OECD 201)

Ester of inorganic acid

LC50/96h	>1,000 mg/l (cyprinus caprio) (EU C1)
EC50/48h	>900 mg/l (daphnia magna) (OECD 201)
NOEC/96h	>900 mg/l (OECD 201)

112-07-2 2-butoxyethyl acetate

LC50/96h	<40 mg/l (oncorhynchus mykiss) (OECD 203)
EC50/48h	37 mg/l (daphnia magna) (DIN 38412 Teil 11)
EBC50	520 mg/l /72h (pseudokirchneriella subcapitata) (ISO 8692, ECHA)
EbCx 10%	30.4 mg/l /7d (ceriodaphnia dubia) (OECD 211)
EbCx 20%	>1,000 mg/l (activated sludge) (OECD 209)
ErC50	1,570 mg/l /72h (pseudokirchneriella subcapitata) (DIN EN ISO 8692)

(Contd. on page 7)

GB

Safety data sheet

according to UK REACH

Printing date 04.09.2024

Version number 1.2 (replaces version 1.1)

Revision: 04.09.2024

(Contd. of page 6)

12.2 Persistence and degradability

Easily biodegradable

108-65-6 2-methoxy-1-methylethyl acetate

Carbon dioxide production 90 % /28d (OECD 301 F)

DOC removal 99 % /28d (OECD 301 F)

Oxygen consumption 83 % /28d (OECD 301 F)

112-07-2 2-butoxyethyl acetate

Oxygen consumption 88 % /28d (OECD 209)

· **12.3 Bioaccumulative potential** No further relevant information available.

· **12.4 Mobility in soil** No further relevant information available.

12.5 Results of PBT and vPvB assessment

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **12.6 Endocrine disrupting properties** The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects

Additional ecological information:

General notes:

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations

13.1 Waste treatment methods

· **Recommendation** Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Uncleaned packaging:

· **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

14.1 UN number or ID number

· **ADR, IMDG, IATA** UN1993

14.2 UN proper shipping name

· **ADR** 1993 FLAMMABLE LIQUID, N.O.S. (2-methoxy-1-methylethyl acetate, ETHYL LACTATE)
 · **IMDG, IATA** FLAMMABLE LIQUID, N.O.S. (2-methoxy-1-methylethyl acetate, ETHYL LACTATE)

14.3 Transport hazard class(es)

· **ADR, IMDG, IATA**



· **Class** 3 Flammable liquids.
 · **Label** 3

14.4 Packing group

· **ADR, IMDG, IATA** III

· **14.5 Environmental hazards:** Not applicable.

· **14.6 Special precautions for user** Warning: Flammable liquids.

· **Hazard identification number (Kemler code):** 30

· **EMS Number:** F-E,S-E

· **Stowage Category** A

14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

Transport/Additional information:

ADR

· **Limited quantities (LQ)** 5L

· **Excepted quantities (EQ)** Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

· **Transport category** 3

· **Tunnel restriction code** D/E

IMDG

· **Limited quantities (LQ)** 5L

(Contd. on page 8)

Safety data sheet

according to UK REACH

Printing date 04.09.2024

Version number 1.2 (replaces version 1.1)

Revision: 04.09.2024

(Contd. of page 7)

· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· UN "Model Regulation":	UN 1993 FLAMMABLE LIQUID, N.O.S. (2-METHOXY-1-METHYLETHYL ACETATE, ETHYL LACTATE), 3, III

15 Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Poisons Act**

- **Regulated explosives precursors**

None of the ingredients is listed.

- **Regulated poisons**

None of the ingredients is listed.

- **Reportable explosives precursors**

None of the ingredients is listed.

- **Reportable poisons**

None of the ingredients is listed.

- **Directive 2012/18/EU**

- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category P5c** FLAMMABLE LIQUIDS
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5,000 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50,000 t
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**

H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.

- **Contact:** B. Treiber, b.treiber@c-kreul.de

- **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
DNEL: Derived No-Effect Level (UK REACH)
PNEC: Predicted No-Effect Concentration (UK REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
ATE: Acute toxicity estimate values
Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Acute Tox. 3: Acute toxicity – Category 3
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

- *** Data compared to the previous version altered.**

GB